

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000275

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29B17/00 B29B17/02 B26D1/00 .

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29B B26D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 355 556 A (ULSKY ET AL) 26 October 1982 (1982-10-26) columns 1-12; figures 1-5,7,8	1-17
X	WO 99/30878 A (TOLAND, JOSEPH) 24 June 1999 (1999-06-24) figures 1-4	1-17
X	DE 23 54 464 A1 (ZIEGLER GEB. WOHLFARTH, IRIS; ZIEGLER, GEB. WOHLFARTH, IRIS, 6051 DIETZ) 15 May 1975 (1975-05-15) page 3; figures 1,3	1-17
X	US 5 675 882 A (HUNT ET AL) 14 October 1997 (1997-10-14) abstract	16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

18/04/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 776 226 A (PAPACHRISTOU DIMITRI) 24 September 1999 (1999-09-24) column 4, lines 6-8; figure 1	17
A	EP 1 036 642 A (KOTOBUKI SANGYO KABUSHIKI KAISHA) 20 September 2000 (2000-09-20) abstract	1-17
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02, 28 February 1997 (1997-02-28) & JP 08 267388 A (MORIGUCHI YAICHIRO), 15 October 1996 (1996-10-15) abstract	1-17

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International Application No  
**PCT/GB2005/000275**

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4355556	A	26-10-1982	JP 57080042 A	19-05-1982
WO 9930878	A	24-06-1999	AU 1499599 A WO 9930878 A1	05-07-1999 24-06-1999
DE 2354464	A1	15-05-1975	NONE	
US 5675882	A	14-10-1997	NONE	
FR 2776226	A	24-09-1999	FR 2776226 A1 AU 2735799 A DE 69901783 D1 DE 69901783 T2 EP 1044084 A1 ES 2178394 T3 WO 9947316 A1	24-09-1999 11-10-1999 18-07-2002 13-05-2004 18-10-2000 16-12-2002 23-09-1999
EP 1036642	A	20-09-2000	JP 3009891 B2 JP 2000254920 A BR 0000722 A EP 1036642 A1 TW 436402 B	14-02-2000 19-09-2000 03-10-2000 20-09-2000 28-05-2001
JP 08267388	A	15-10-1996	NONE	